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Subject: Plainwell Mill Site RI/FS Progress Report No. 87
Date: Friday, February 07, 2014 10:08:32 AM
Attachments: [Progress Report Jan 2014 Former Plainwell, Inc. Mill Property Plainwell MI.pdf](#)

Hi Sheila,

On behalf of Weyerhaeuser Company, CRA is pleased to submit the attached Progress Report No.87 covering the period of January 2014 for the Plainwell Mill Site RI/FS. Three copies of the report have been sent to you and MDEQ via regular mail (all other recipients will only receive electronic copies).

Regards,
Jeni

Jennifer L. Quigley, P.E.
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Perform every task the safe way, the right way, every time!

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February 7, 2014

Reference No. 056394

Ms. Sheila Desai
Remedial Project Manager
U.S. Environmental Protection Agency – Region V
77 West Jackson Boulevard (SR-6J)
Chicago, Illinois 60604-3590

Dear Ms. Desai:

Re: Monthly Progress Report – January 2014
Former Plainwell, Inc. Mill Property Operable Unit No. 7
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Allegan and Kalamazoo County

As required by Task 8, Progress Reports in the Statement of Work of the Remedial Investigation and Feasibility Study (RI/FS) at the former Plainwell, Inc. Mill Property, please find attached three copies of the Progress Report No. 87 for the period of January 1, 2014 through January 31, 2014.

Should you have any questions or require any additional information, please do not hesitate to contact the undersigned.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Jennifer L. Quigley, P.E.

JQ/44/Plw.
Encl.

cc: Paul Bucholtz (MDEQ) – three hard copies
Jim Saric (U.S. EPA) – electronic only
Leslie Kirby-Miles (U.S. EPA) – electronic only
Erik Wilson (City of Plainwell) – electronic only
Richard Gay (Weyerhaeuser) – electronic only
Joe Jackowski (Weyerhaeuser) – electronic only
Martin Lebo (Weyerhaeuser) – electronic only
Garret Bondy (AMEC) – electronic only
Cynthia Draper (AMEC) – electronic only
Garry Griffith (Georgia-Pacific, LLC) – electronic only
Chase Fortenberry (Georgia-Pacific, LLC) – electronic only
Jeffrey Lifka (Tetra Tech) – electronic only
Gregory Carli (CRA) – electronic only

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Progress Report No. 87
January 1, 2014 to January 31, 2014

Remedial Investigation and Feasibility Study
Former Plainwell, Inc. Mill Property
Plainwell, Michigan

This progress report is being submitted to the United States Environmental Protection Agency (U.S. EPA) in accordance with Task 8: Progress Reports and the Schedule for Major Deliverables contained in the Statement of Work for the Remedial Investigation/Feasibility Study (RI/FS), pursuant to the terms of the Consent Decree for the Design and Implementation of Certain Response Actions at Operable Unit No. 4 and the Plainwell, Inc. Mill Property (Site) Operational Unit No. 7 of the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site (Consent Decree), which became effective February 22, 2005.

1. Work Performed

- None.

2. Data Received

- None.

**3. Modifications to Work Plans or Other Schedules
Proposed to, or Approved by, the U.S. EPA**

- None.

4. Problems Encountered and Planned Resolution

- None.

5. Work Anticipated During the Next Reporting Period

- None.

6. Anticipated Development with Work during the Next Period

- None.

7. Other Relevant Information

- Decommissioning and demolition activities were completed by the City of Plainwell under a Michigan Blight Elimination Program Grant. The majority of the work is anticipated to be completed in early February 2014 and is being conducted on portions of Residential Areas 1 to 3 and Mixed Residential/Commercial Area 2. Additional restoration activities will be conducted in Spring 2014 (i.e., seeding, etc.). During the implementation of the decommissioning and demolition work limited paper residuals were observed within the fill material in portions of the former lagoon areas. In the material beneath the former primary clarifier area, a larger volume of what appeared to be a paper residual-like sludge was observed, the source of which was suspected to be underground piping

associated with the former primary clarifier system. This material was subsequently sampled by representatives for the City of Plainwell for laboratory analysis for full waste characterization analysis. Based on the results of the waste characterization sample, the material was determined to be non-hazardous, non-Toxic Substances Control Act waste and was removed from the Site for off-Site disposal on January 24, 2014.

- MW-10 was abandoned and replaced by MW-10A adjacent to the original location, and MW-5 was repaired on January 14, 2014. MW-10A was surveyed on January 30, 2014. A copy of the monitoring well construction log for MW-10A is attached.



STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

Page 1 of 1

PROJECT NAME: FORMER PLAINWELL MILL

PROJECT NUMBER: 085319

CLIENT: HOMRICH WRECKING, INC

LOCATION: PLAINWELL, MI

HOLE DESIGNATION: MW-10A

DATE COMPLETED: January 14, 2014

DRILLING METHOD: 4-1/4" HSA

FIELD PERSONNEL: M. RAMSEY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft	MONITORING WELL	SAMPLE			
				NUMBER	INTERVAL	REC (%)	'N' VALUE
	NORTHING: 348058.05 EASTING: 12777609.03 TOP OF CASING GROUND SURFACE	727.52 724.69					
2	SP-SAND (FILL), with fine gravel, loose, medium grained, poorly graded, brown, moist	724.44	CONCRETE				
4	SP-SAND, with fine gravel and cobble, loose, fine to coarse grained, poorly graded, brown and red-brown, moist - very trace amount of silty clay lenses, slightly soft, low plasticity, blue-gray, moist, slight mottling at 3.0ft BGS	719.69	2" PVC WELL CASING			60	
6	- silty clay lens, low plasticity, slightly soft, black, moist at 3.5ft BGS - trace slag-like material from 3.5 to 4.0ft BGS	718.94	BENTONITE CHIPS				
8	SP/GP-SAND AND GRAVEL (FILL), loose, medium to coarse sand, fine to coarse gravel, poorly graded, brown and gray, moist to wet	716.69	4-1/4" BOREHOLE			80	
10	SP-SAND (FILL), with fine to coarse gravel, loose, fine to coarse grained, poorly graded, red-brown, moist to wet	715.19					
12	CONCRETE DEBRIS (FILL) - trace cinder-like material at 8.8ft BGS	712.19				60	
14	SP-SAND (FILL), trace silt, trace fine gravel, loose, fine to medium grained, poorly graded, red-brown, moist, trace tree root material in boring	710.69	2" PVC WELL SCREEN				
16	SP-SAND, with silt, trace fine gravel, loose, fine to medium grained, poorly graded, red-brown, moist		SAND PACK				
18	SP/GP-SAND AND GRAVEL, trace silt, loose, fine gravel, fine to medium sand, poorly graded, brown, wet - poor recovery due to cobble in boring at 15.0ft BGS					5	
20	END OF BOREHOLE @ 20.0ft BGS	704.69	NATURAL COLLAPSE				
22							
24							
26							
28							
30							
32							
34							

WELL DETAILS

Screened interval:

713.19 to 706.19ft

11.50 to 18.50ft BGS

Length: 7ft

Diameter: 2in

Slot Size: 0.010

Material: PVC

Seal:

723.19 to 715.19ft

1.50 to 9.50ft BGS

Material: BENTONITE CHIPS

Sand Pack:

715.19 to 706.19ft

9.50 to 18.50ft BGS

Material: SAND

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 085319-WI.GPJ CRA CORP.GDT 1/30/14